

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 54651 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Apr 30 2012

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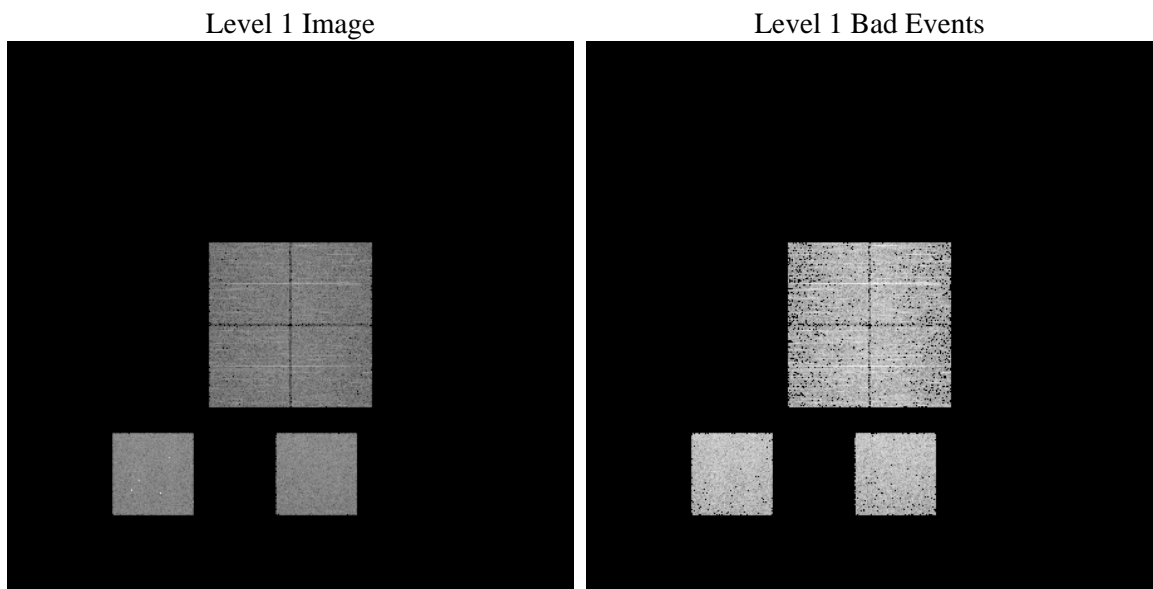
1 Front

seq_num	 	Sequence number
obs_id	54651	Observation id
title	ACIS-012357 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	210.03282326512	Nominal RA [deg]
dec_nom	-38.499014605721	Nominal Dec [deg]
roll_nom	342.16424538876	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3282.0349396467	Sum of GTIs [s]
livetime	3240.4758370367	Livetime [s]
ontime0	3282.07597965	Sum of GTIs [s]
ontime1	3283.1999878287	Sum of GTIs [s]
ontime2	3283.1999878287	Sum of GTIs [s]
ontime3	3281.9938996434	Sum of GTIs [s]
ontime5	3283.1999878287	Sum of GTIs [s]
ontime7	3282.0349396467	Sum of GTIs [s]
l2events	114611	Number of level 2 events

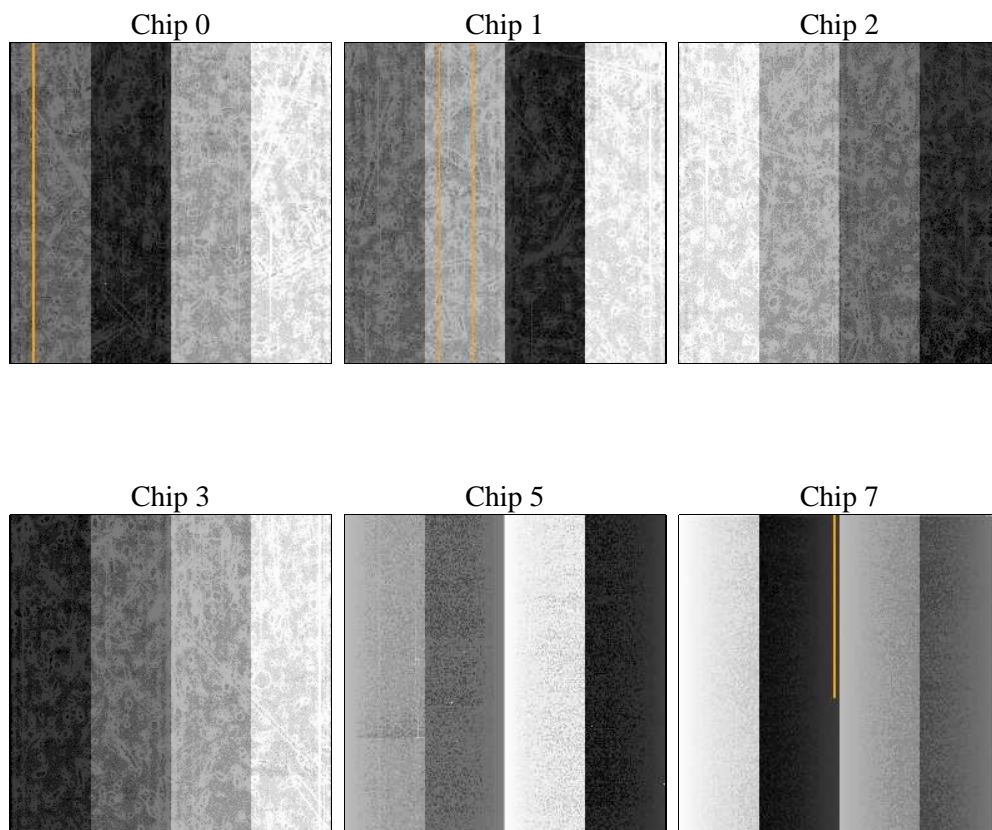
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	3282.0349396467	Sum of GTIs [s]
caldbver	4.4.9	 	ontime0	3282.07597965	Sum of GTIs [s]
date	2012-04-30T21:15:24	Date and time of file creation	ontime1	3283.1999878287	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	3283.1999878287	Sum of GTIs [s]
			ontime3	3281.9938996434	Sum of GTIs [s]
			ontime5	3283.1999878287	Sum of GTIs [s]
			ontime7	3282.0349396467	Sum of GTIs [s]
			l1events	244255	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	34293	36440	35711	35714	52388	49709	grade 0 events	8422	8294	8465	8669	4817	4480
rejected events	18132	20257	19734	19370	22475	22195		24%	22%	23%	24%	9%	9%
rejected %	52%	55%	55%	54%	42%	44%	grade 1 events	52	50	50	64	65	25
								0%	0%	0%	0%	0%	0%
							grade 2 events	2987	3186	2884	2949	10154	5847
								8%	8%	8%	8%	19%	11%
							grade 3 events	1175	1054	1143	1139	1127	2498
								3%	2%	3%	3%	2%	5%
							grade 4 events	1081	1112	1085	1143	1142	2501
								3%	3%	3%	3%	2%	5%
							grade 5 events	1235	1315	1259	1406	2799	3579
								3%	3%	3%	3%	5%	7%
							grade 6 events	2496	2557	2422	2444	12703	12188
								7%	7%	6%	6%	24%	24%
							grade 7 events	16845	18872	18403	17900	19581	18591
								49%	51%	51%	50%	37%	37%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	210.0328232651247	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-38.49901460572131	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	342.1642453887636	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	452145187.020684	452145185.99568			
Observation start date	2012-04-30T03:53:07	2012-04-30T03:53:05			
[s] Observation end time (MET)	452150916.770987	452150915.74599			
Observation end date	2012-04-30T05:28:37	2012-04-30T05:28:35			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2820349396467

A.2 Comments